

89/991512

NOTICE OF DRAFTPERSON'S  
PATENT DRAWING REVIEWThe drawing filed (insert date) 11/16/01 are:A. ✓ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.B. ✓ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. ____ Color drawing are not acceptable until petition is granted. Fig.(s) _____ ____ Pencil and non black ink is not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b) ____ Photographs are not acceptable until petition is granted. ____ 3 full-tone sets are required. Fig(s) _____ ____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____ <u>✓</u> Poor quality (half-tone). Fig(s) <u>1</u></p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e) ____ Paper not flexible, strong, white and durable. Fig.(s) _____ ____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin) ____ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: ____ 21.0 cm by 29.7 cm (DIN size A4) ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches) ____ All drawings sheets not the same size. Sheet(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 <u>✓</u> Margins not acceptable. Fig(s) <u>6, 16, 17</u> ____ Top (T) <u>✓</u> Left (L) ____ Right (R) _____ Bottom (B)</p> <p>6. VIEWS. CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. ____ Views connected by projection lines or lead lines. Fig.(s) _____ Partial views. 37 CFR 1.84(h)(2) ____ Brackets needed to show figure as one entity. Fig.(s) _____ ____ Views not labeled separately or properly. Fig.(s) _____ ____ Enlarged view not labeled separately or properly. Fig.(s) _____</p>	<p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) ____ Hatching not indicated for sectional portions of an object. Fig.(s) _____ ____ Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____</p> <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) ____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____ ____ Views not on the same plane on drawing sheet. Fig.(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k) ____ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig.(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l) <u>✓</u> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig.(s) <u>1, 23A, 23B</u></p> <p>11. SHADING. 37 CFR 1.84(m) ____ Solid black areas pale. Fig.(s) _____ <u>✓</u> Solid black shading not permitted. Fig.(s) <u>23A, 23B</u> ____ Shade lines, pale, rough and blurred. Fig.(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.48(p) ____ Numbers and reference characters not plain and legible. Fig.(s) _____ ____ Figure legends are poor. Fig.(s) _____ ____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____ <u>✓</u> English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____ <u>✓</u> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) <u>346-22</u></p> <p>13. LEAD LINES. 37 CFR 1.84(q) ____ Lead lines cross each other. Fig.(s) _____ ____ Lead lines missing. Fig.(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t) ____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u) ____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w) ____ Corrections not made from PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152 ____ Surface shading shown not appropriate. Fig.(s) _____ ____ Solid black shading not used for color contrast. Fig.(s) _____</p>
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COMMENTS

REVIEWER

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DATE

11/13/02

TELEPHONE NO

703 305 1038

ATTACHMENT TO PAPER NO.

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